



09/882530

#4/645

RECEIVED

TECHNICAL CENTER 1600/2900

PTO/SEP-01 (08-00)

Approved for use through 10/31/02. OMB 0251-0031.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/882,530	
	Filing Date	June 15, 2001	
	First Named Inventor	Derrick RICHARDSON.	
	Group Art Unit	1645	
	Examiner Name	To Be Assigned	
Total Number Of Pages In This Submission	10 + 67 references	Attorney Docket No.	485772003600

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declarations	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO-1449 in duplicate (6 pages) 67 references Return receipt postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement (3 pages)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

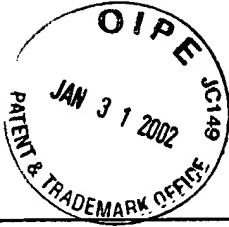
Firm or Individual Name	Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California, 94304-1018
Signature	Rimas T. Lukas, Registration No. 46,451 <i>Rimas T. Lukas</i>
Date	12/11/01

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on December 11, 2001.

Karl Cruz
Karl Cruz

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Docket No. 485772003600

RECEIVED
PATENT
TECH CENTER 1600/2900
2/19/02

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on December 11, 2001.

Kari Cruz
Kari Cruz

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Derrick RICHARDSON et al.

Serial No.: 09/882,530

Filing Date: June 15, 2001

For: FILTRATION COLUMN DEVICES
AND METHODS OF FILTERING
THEREWITH

Examiner: To Be Assigned

Group Art Unit: 1645

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of * is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of * is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is to the best of my knowledge and is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **485772003600**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 11, 2001

Respectfully submitted,

By: 

Kimas T. Lukas
Registration No. 46,451

Morrison & Foerster LLP
755 Page Mill Road
Palo Alto, California 94304-1018
Telephone: (650) 813-5905
Facsimile: (650) 494-0792

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 485772003600

Application Number 2001/0882,530

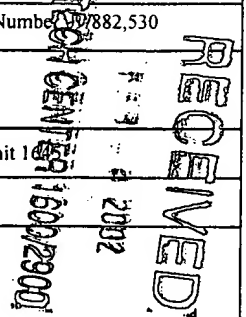
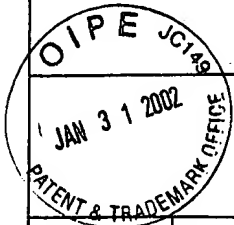
Applicant

Derrick RICHARDSON et al.

Filing Date June 15, 2001

Group Art Unit 1

Mailing Date December 11, 2001



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	07/28/1987	4,683,058	Lyman et al.			
	2.	04/24/1990	4,920,053	Inoue et al.			
	3.	10/15/1991	5,057,426	Henco et al.			
	4.	12/24/1991	5,075,430	Little			
	5.	04/07/1992	5,103,338	Crowley et al.			
	6.	03/09/1993	5,192,503	McGrath et al.			
	7.	08/10/1993	5,234,809	Boom et al.			
	8.	09/21/1993	5,246,866	Nasu et al.			
	9.	01/18/1994	5,280,384	Shibasaki			
	10.	02/27/1996	5,494,646	Seymour			
	11.	04/02/1996	5,504,366	Weiss et al.			
	12.	05/07/1996	5,513,768	Smith			
	13.	07/02/1996	5,532,128	Eggers et al.			
	14.	07/23/1996	5,538,849	Uematsu et al.			
	15.	08/13/1996	5,545,531	Rava et al.			
	16.	09/24/1996	5,559,329	Joseph et al.			
	17.	04/08/1997	5,619,035	Weiss et al.			
	18.	06/17/1997	5,639,428	Cottingham			
	19.	07/29/1997	5,652,141	Henco et al.			
	20.	10/14/1997	5,677,197	Gordon et al.			
	21.	12/04/1997	08/984,979	Baer et al.			
	22.	02/04/1998	09/018,452	Baer et al			
	23.	04/10/1998	09/058,711	Baer et al.			
	24.	05/26/1998	5,756,049	Brayton			
	25.	07/23/1998	09/121,635	Baer et al.			
	26.	07/23/1998	09/121,677	Baer et al.			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

Docket Number 485772003600

Application Number 09/882,530

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

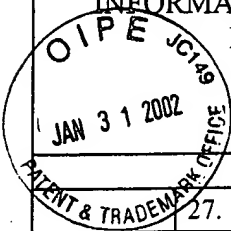
Applicant

Derrick RICHARDSON et al.

Filing Date June 15, 2001

Group Art Unit 1645

Mailing Date December 11, 2001



RECEIVED
FEB 05 2002
TECH CENTER 1600/2900

27.	07/23/1998	09/121,691	Baer et al.			
28.	08/25/1998	5,798,215	Cathey et al.			
29.	09/15/1998	5,808,041	Padhye et al.			
30.	12/01/1998	5,843,644	Liotta et al.			
31.	12/01/1998	5,843,767	Beattie			
32.	12/08/1998	09/208,604	Baer et al.			
33.	01/12/1999	5,859,699	Baer et al.			
34.	01/19/1999	5,860,937	Cohen			
35.	02/23/1999	5,874,219	Rava et al.			
36.	03/09/1999	5,879,625	Roslaniec et al.			
37.	04/06/1999	5,891,630	Eggers et al.			
38.	06/08/1999	5,910,246	Walter et al.			
39.	11/16/1999	5,985,085	Baer et al.			
40.	02/01/2000	6,020,186	Henco et al.			
41.	05/01/2000	09/562,495	Lossing et al.			
42.	07/17/1997	09/617,742	Baier et al.			
43.	12/05/2000	6,157,446	Baer et al.			
44.	08/15/2000	6,103,195	Shukla et al			
45.	03/20/2001	6,204,030 B1	Liotta et al.			
46.	04/17/2001	6,218,531 B1	Ekenberg			
47.	08/21/2001	6,277,648 B1	Colpan			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
	48.	06/10/1993	WO 93/11221	WIPO			Abstract	
	49.	09/08/1995	WO 95/23960	WIPO				

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

Docket Number 485772003600

Application Number 09/882,530

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant

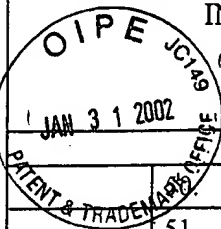
Derrick RICHARDSON et al.

Filing Date June 15, 2001

Group Art Unit 1645

Mailing Date December 11, 2001

RECEIVED
FEB 05 2002
TECH CENTER 1600/2900



		12/19/1996	WO 96/40435	WIPO				
51.	04/17/1997	WO 97/13838	WIPO					
52.	03/26/1998	WO 98/11989	WIPO					
53.	08/13/1998	WO 98/35215	WIPO					
54.	04/08/1999	WO 99/17094	WIPO					

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	55.	Bonner, R. F. et al. (1997). "Laser Capture Microdissection: Molecular Analysis of Tissue," <i>Science</i> 278:1481-1482.
	56.	Brignole, E. (2000). "Laser-Capture Microdissection," pp. 1-4, located at << http://pubs.acs.org/subscribe/journals/mdd/v03/i09/html/toolbox.html >> from <i>Modern Drug Discovery</i> , 3(9):60-70.
	57.	Chu, S. S. et al. (2000). "Laser Capture Microdissection: Applications in Cancer Research," <i>Cancer Research</i> pp. 1-4.
	58.	Chui, G. (1999). "The Ecosystems Within" Section F, Science & Technology <i>San Jose Mercury News</i> pp. 1-5.
	59.	Emmert-Buck, M. R. et al. (1996). "Laser Capture Microdissection," <i>Science</i> 274:998-1001.
	60.	Goldsworthy, S. M. et al. (1999). "Effects of Fixation on RNA Extraction and Amplification from Laser Capture Microdissected Tissue" <i>Molecular Carcinogenesis</i> 25:86-91.
	61.	Isenberg, G. et al. (1976). "Cell Surgery by Laser Micro-Dissection: a Preparative Method," <i>Journal of Microscopy</i> 107:19-24.
	62.	Meier-Ruge, W. et al. (1976). "The Laser in the Lowry Technique for Microdissection of Freeze-Dried Tissue Slices," <i>Histochemical Journal</i> 8:387-401.
	63.	Relman, David A. (1999). "The Search for Unrecognized Pathogens," <i>Science</i> 284:1-3.
	64.	Schindler, M. et al. (1985). "Automated Analysis & Survival Selection of Anchorage-Dependent Cells Under Normal Growth Conditions," <i>Cytometry</i> 6(4):368-374.
	65.	Schindler, M. (1998). "Select, Microdissect & Eject," <i>Nature Biotechnology</i> 16:719-720.
	66.	Schütze, K. and Lahr, G. (1998). "Identification of expressed genes by laser-mediated manipulation of single cells," <i>Nature Biotechnology</i> 16(8):737-742.
	67.	Simone, N. et al. (1998). "Laser Capture Microdissection; Opening the Microscopic Frontier to Molecular Analysis," <i>Trends Genet.</i> 14(7):272-276.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.